applications the network of BDU's can be self-controlling. All such modifications and embodiments are believed to, be within the sphere and scope of the present invention as defined by the claims appended hereto.

We claim:

1. A touch-sensitive display, comprising:

a) a plurality of basic display units each comprising processor means connected to at least one display screen, said at least one display screen of respective ones of said basic display units being arranged so as to form a tessellation;

b) a network for facilitating communication between said respective ones of said basic display units;

c) at least one touch-sensitive panel overlying said tessellation and means associated therewith for receiving a user touch input over physical pixel locations associated with said basic display units and in response generating input command signals for identifying said physical pixel locations; and

d) further processor means functioning as a controlling processor, including:

i) means for receiving said input command signals identifying said physical pixel locations and in response converting said input command signals to modified input command signals associated with logical pixel locations in said tessellation;

ii) means for receiving said modified input command signals and in response generating graphical command signals for operating on said logical pixel locations in said tessellation;

iii) means for receiving said graphical command signals for operating on said logical pixel locations in said tessellation and in response converting said graphical command signals to modified graphical command signals for operating on said physical pixel locations associated with said basic display units; and

iv) means for transmitting said modified graphical command signals to said basic display units via said network, in response to which said plurality of basic display units generate a graphical image across said tessellation.

2. The touch-sensitive display of claim **1**, wherein said display screen further comprises a flat panel display screen.

3. The touch-sensitive display of claim **2**, wherein said flat panel display screen is a liquid crystal display.

4. The touch-sensitive display of claim **2**, wherein said flat panel display screen is a laser plasma display.

5. The touch-sensitive display of claim **2**, wherein said flat panel display is approximately ⅛" thick and is mounted in a hard plastic shell.

6. The touch-sensitive screen of claim **2**, wherein said flat panel display further includes a light source mounted to the side thereof.

7. The touch-sensitive display of claim **1**, wherein each of said plurality of basic display units further comprises a standard portable computer incorporating a CPU for executing a graphics processor application.

8. The touch-sensitive display of claim **1**, wherein a predetermined one or more of said basic display units includes one or both of a keyboard and a mouse.

9. The touch-sensitive display of claim **1**, wherein said network is realized using TCP/IP as a network interface and an Ethernet™ physical medium between respective ones of said basic display units.

10. The touch-sensitive display of claim **1**, wherein said network is realized using Localtalk™ as a network interface and an Ethernet™ physical medium between respective ones of said basic display units.

11. The touch-sensitive display of claim **1**, wherein said basic display units are abutted together in close proximity in order to minimize spacing between each display screen of said respective ones of said basic display units.

12. The touch-sensitive display of claim **1**, further comprising a transparent protective layer intermediate said at least one touch-sensitive panel and said at least one display screen of respective ones of said basic display units.

13. The touch-sensitive display of claim **12**, wherein said transparent protective layer comprises one of either clear plastic or glass.

14. A touch-sensitive display, comprising:

a plurality of basic display units each comprising a separately controllable processor connected to at least one display screen and a separate input for receiving input command signals independently from the input command signals received from the processors of other basic display units, said at least one display screen of respective ones of said basic display units being arranged so as to form a tessellation;

a network for facilitating communication between said basic display units; and

at least one touch-sensitive panel overlying said tessellation and means associated therewith for receiving a user touch input over physical pixel locations associated with said basic display units and in response generating input command signals for identifying said physical pixel locations, wherein a predetermined one of said processors functions as a controlling processor, and further includes:

means for receiving said input command signals identifying said physical pixel locations and in response converting said input command signals to modified input command signals associated with logical pixel locations in said tessellation;

means for receiving said modified input command signals and in response generating graphical command signals for operating on said logical pixel locations in said tessellation;

means for receiving said graphical command signals for operating on said logical pixel locations in said tessellation and in response converting said graphical command signals to modified graphical command signals for operating on said physical pixel locations associated with said basic display units; and

means for transmitting said modified graphical command signals to said basic display units via said network, in response to which said basic display units generate a graphical image across said tessellation.

15. A touch-sensitive display according to claim **14**, wherein said display screen further comprises a flat panel display screen.

16. A touch-sensitive display according to claim **15**, wherein said flat panel display screen is a liquid crystal display.

17. A touch-sensitive display according to claim **15**, wherein said flat panel display screen is a laser plasma display.

18. A touch-sensitive display according to claim **15**, wherein said flat panel display is approximately ⅛" thick and is mounted in a hard plastic shell.

19. A touch-sensitive display according to claim **15**, wherein said flat panel display further includes a light source mounted to the side thereof.